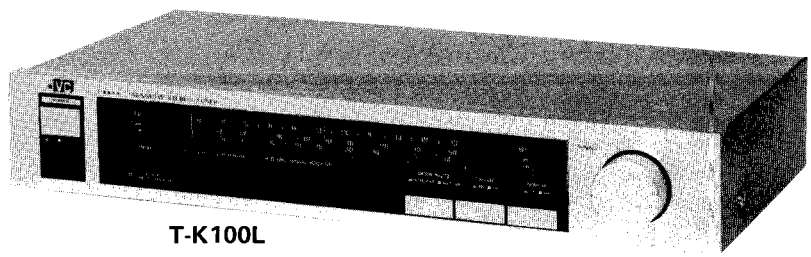
JVC

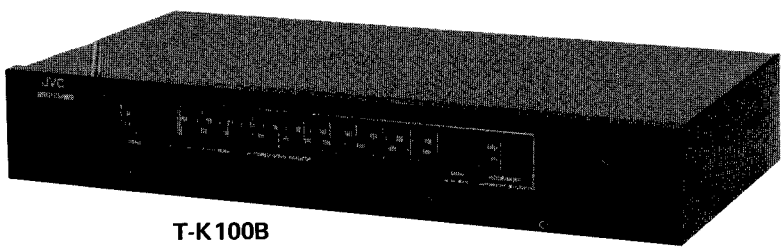
SERVICE MANUAL

FM/AM STEREO TUNER

MODEL T-K100/T-K100B
MODEL T-K100L/T-K100LB



T-K100L



T-K100B

Model	Variation	
	Feature	Color
T-K100	–	Silver
T-K100L	with LW	Silver
T-K100B	–	Black
T-K100LB	with LW	Black

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This manual combines two single volumes; Service manual and Parts list.

No. 2720
Jan. 1984

Safety Precaution

1. The design of this product contains special hardware, many circuits and components specially for safety purposes.
   For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list in Service manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and/or the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard.
   When service is required, the original lead routing and dress should be observed, and they should be confirmed to be returned to normal, after re-assembling.
5. Leakage current check
   (Safety for electrical shock hazard)
   After re-assembling the product, always perform an isolation check on the exposed metal parts of the Products (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.
   Do not use a line isolation transformer during this check.
   - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5 mA AC (r.m.s.).
   - Alternate check method
     Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1500 Ω 10 W resistor paralleled by a 0.15 μF AC-type capacitor between an exposed metal part and a known good earth ground.
     Measure the AC voltage across the resistor with the AC voltmeter.
     Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).

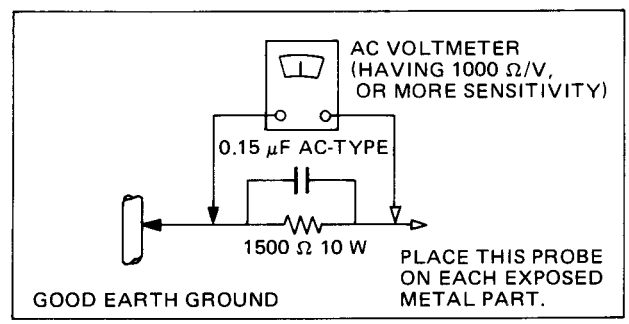
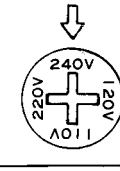


Fig. 1

CHECKING YOUR LINE VOLTAGE (For U.S. Military Market and Other Countries)
Before inserting the power plug, please check this setting to see that it corresponds with the line voltage in your area. If it doesn't, be sure to adjust the voltage selector switch to the proper setting before operating this equipment. The voltage selector switch is located on the rear panel.



CAUTION: Before selecting the "Voltage selector switch" to proper voltage, disconnect the power plug.

1. Specifications

FM TUNER SECTION	'78 IHF	DIN
Tuning range	: 88–108 MHz	87.5–108.0 MHz
Usable sensitivity (IHF)	: 10.8 dBf (0.95 μV/75 ohms)	–
26 dB quieting sensitivity	: –	1.3 μV/75 ohms
50 dB quieting sensitivity		
Mono	: 17.3 dBf, (2.0 μV/75 ohms)	–
Stereo	: 38.3 dBf, (22.5 μV/75 ohms)	–
46 dB quieting sensitivity		
Mono	: –	3.0 μV/75 ohms
Stereo	: –	35 μV/75 ohms
Signal-to-Noise ratio		
Mono	: 76 dB	70 dB
Stereo	: 70 dB	64 dB
Total harmonic distortion		
Mono	: 0.2 %	–
Stereo	: 0.3 %	–
Selectivity	: 60 dB ± 400 kHz	55 dB ± 300 kHz
Capture ratio	: 1.5 dB	–
IF rejection	: 85 dB at 98 MHz	–
Image rejection	: 60 dB at 98 MHz	–
AM suppression	: 50 dB	–
Frequency response	: 30 Hz – 15 kHz (+0.3 dB, –3.0 dB)	
Stereo separation	: 40 dB at 1 kHz	–
Output level	: 600 mV	310 mV
Output impedance	: 3.3 kohms	–

AM TUNER SECTION	MW	LW
Tuning range	: 525 kHz – 1605 kHz	150 kHz – 350 kHz
Usable sensitivity (Bar antenna)	: 300 μV/m	400 μV/m
Signal-to-Noise ratio	: 50 dB	50 dB
Distortion	: 0.5 %	0.5 %

DIMENSIONS : 77(H) x 435(W) x 282(D) mm (3-1/16" x 17-3/16" x 12-2/16")

WEIGHT : 2.6 kg (5.7 lbs)

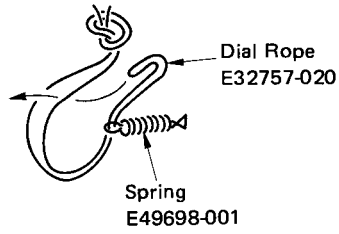
Design and specifications are subject to change without notice.

POWER SPECIFICATIONS

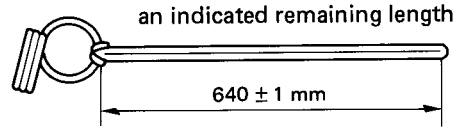
Areas	Line Voltage & Frequency	Power Consumption	
		Power ON	Standby
U.S.A. & Canada	AC 120 V, 60 Hz	9 watts	1 watt
Continental Europe	AC 220 V∿, 50 Hz	9 watts	1 watt
U.K. & Australia	AC 240 V∿, 50 Hz	9 watts	1 watt
Other areas	AC 110/120/220/240 V∿, Selectable, 50/60 Hz	9 watts	1 watt

2. Dial Stringing Procedure

Put the string through the spring loop.



Tie the string in a knot having an indicated remaining length.



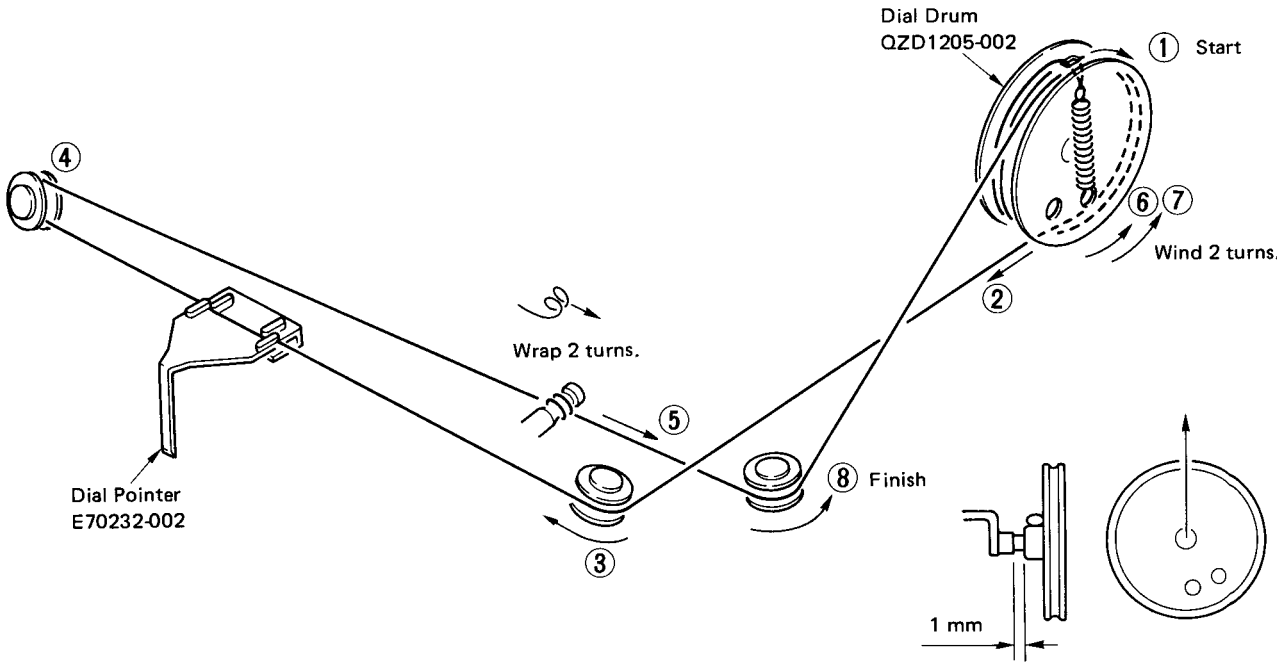


Fig. 2

3. Removal Procedures

3-(1) Metal cover section

1. Loosen the 5 screws mounting the metal cover and remove them.
2. Draw off the metal cover backwards carefully.

3-(2) Front panel section

1. Remove the metal cover. (Refer to 3-(1).)
2. Remove the 3 plastic rivets on the front panel and the 2 screws from its lower side.
3. Remove the dial pointer and the dial rope.

3-(3) P.C. Board check

Normally, removal of P.C. boards is unnecessary when replacing parts or checking up P.C. boards. The circuit pattern can be seen with the bottom cover demounted by removing its accompanying 8 screws.
Then, remove the 2 screws on the P.C. Board Ass'y.

4. Alignment Procedures

Alignment Location of ENA-018 Tuner P.C. Board Ass'y

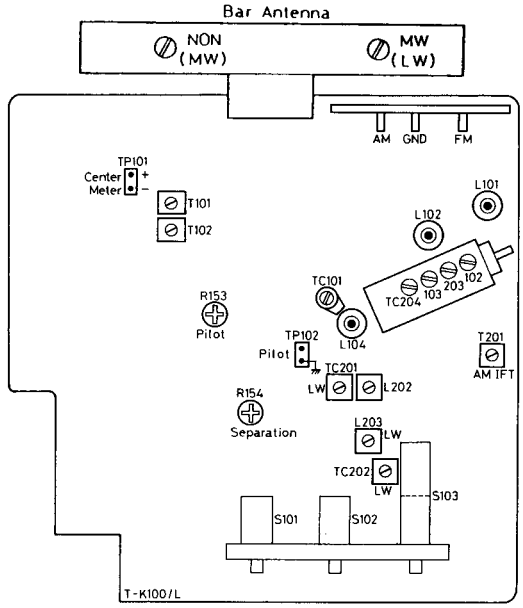


Fig. 3

4-(1) FM section

Low Frequency

1. Connect an RF generator, 1 kHz modulation and 75 kHz deviation, to the antenna terminals on the rear panel through an dummy antenna.
2. Set the RF generator to 88 MHz, a modulation of 1 kHz and a deviation of 75 kHz, to provide an input of 2 μV.
3. Connect a VTVM and oscilloscope to Signal Cord.
4. Set the dial pointer to 88 MHz.
5. Adjust the three coils L104, L102 and L101 in the tuning gang to maximize the output.

High Frequency

6. Set the RF generator to 108 MHz, a modulation of 1 kHz and a deviation of 75 kHz, to provide an input of 2 μV.
7. Set the dial pointer to 108 MHz.
8. Adjust the FM trimmers TC103, TC102 and TC101 in the tuning gang to maximize the output.
9. Repeat these high and low frequencies adjustment alternately until maximum sensitivity is obtained.

Note: After adjustment, confirm that the band cover is as follows: (for West Germany only)
FM: Low-end 87.5 MHz – 300 kHz
High-end 108.0 MHz + 500 kHz

Discriminator, Center Meter, Distortion and Signal Gain

1. Connect an oscilloscope, distortion meter and AC VTVM to Signal Cord.
2. Connect a DC VTVM to TP101.
3. Tune to frequency where there is no broadcasting.
4. Adjust the core of T101 so that the DC VTVM indicates "0" (zero).
5. Set the generator to 98 MHz.
6. Set the dial pointer to 98 MHz.
7. Adjust the core of T102 so that the distortion is minimized at a value less than 0.4 %.

Multiplex and Stereo Separation

Multiplex

1. Set the stereo signal generator as follows:
   400 Hz modulation frequency, 7.5 kHz deviation pilot, 67.5 kHz main and sub carriers. Connect its output to an RF generator.
2. Connect the RF generator to the antenna terminal through a dummy antenna.
3. Connect a VTVM, an oscilloscope and a distortion meter to Signal Cord.
4. Set the RF generator to 98 MHz and an output of 1 mV.
5. Set the dial pointer to 98 MHz.
6. Connect the frequency counter to TP102.
7. Switch off the pilot signal of Stereo Modulator.
8. Adjust R153 so that the frequency counter indicates 19 kHz (+0, –50 Hz).

Stereo Separation (T-K100L only)

1. Switch the selector of the stereo modulator to left channel modulation.
2. Adjust R154 so that the output of right channel is minimized.
3. Switch the selector of the stereo modulator to right channel modulation.
4. Adjust R154 so that the output of left channel is minimized.
5. Set R154 to the average position if the separations of right and left channels are different.

Confirm that the separation between R-ch and L-ch is more than about 30 dB.

4-(2) MW (LW) section

MW (LW) Tracking and Sensitivity

Low Frequency

1. Connect the RF generator to the antenna terminal on the rear panel, set this to 600 kHz (160 kHz) with 30 % modulation at 400 Hz.
2. Connect an AC VTVM and an oscilloscope to Signal Cord.
3. Set the dial pointer to 600 kHz (160 kHz).
4. Adjust OSC transformer L202 (L203) and the ferrite bar antenna adjusting the MW (LW) coil to maximize the output signal.

High Frequency

5. Set the RF generator to 1400 kHz (350 kHz) with 30 % modulation at 400 Hz.
6. Set the dial pointer to 1400 kHz (350 kHz).
7. Adjust the trimmers TC204 (TC201) and TC203 (TC202) in the tuning gang so that the output signal is maximized.
8. Repeat these high and low frequencies adjustment procedures alternately until maximum sensitivity is obtained.

5. Block Diagram

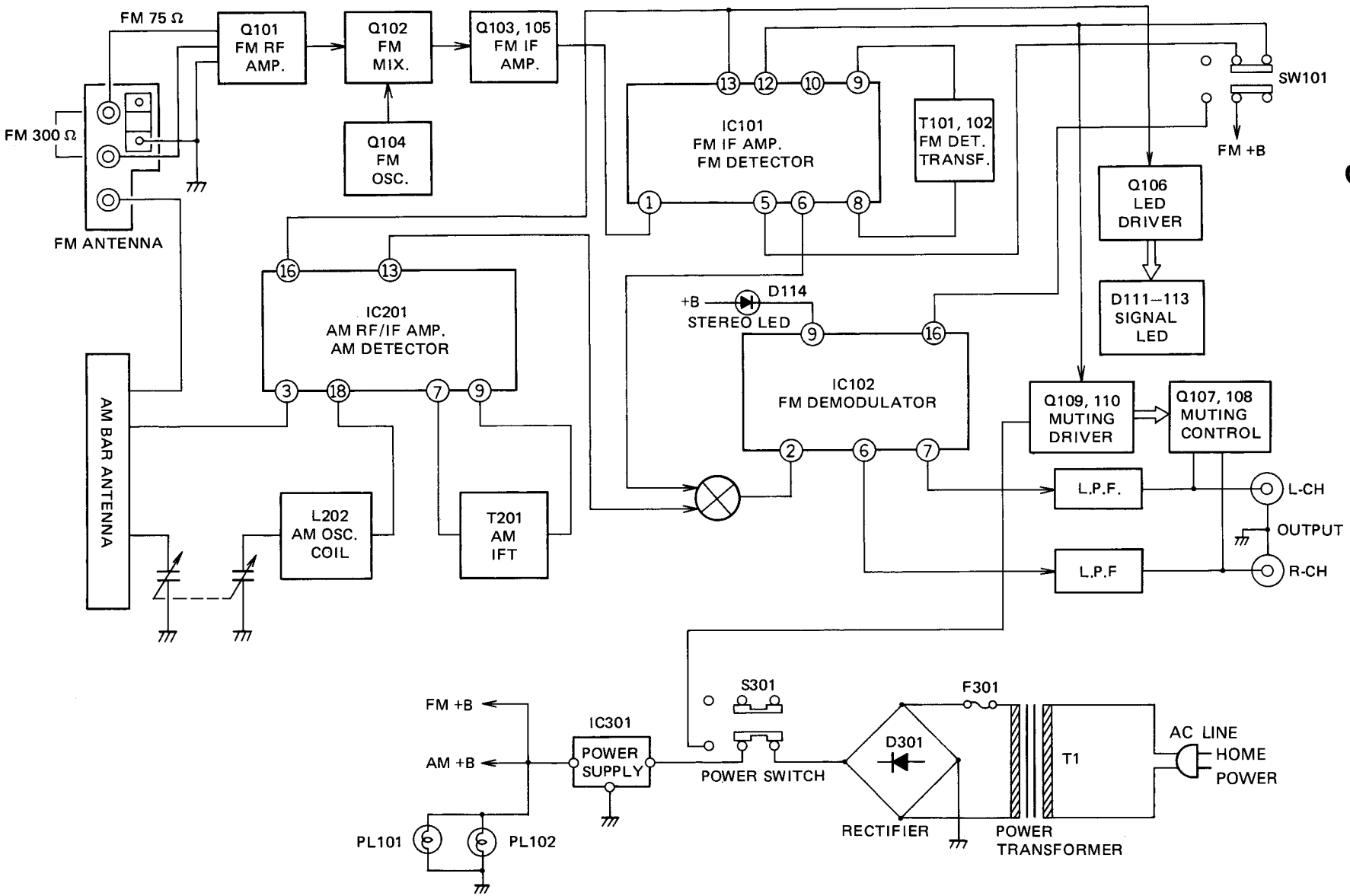
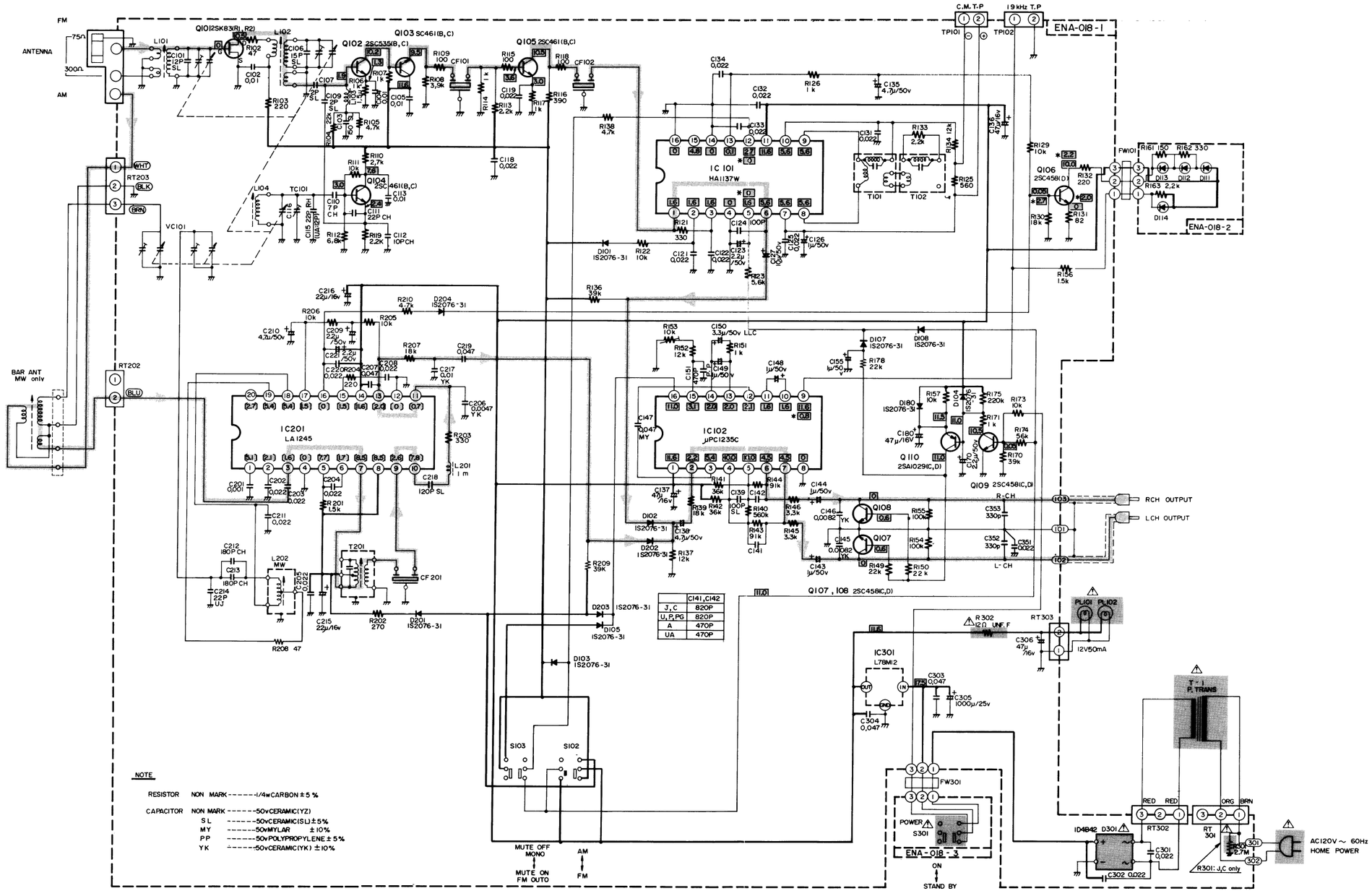


Fig. 4

6. T-K100/T-K100L Schematic Diagram

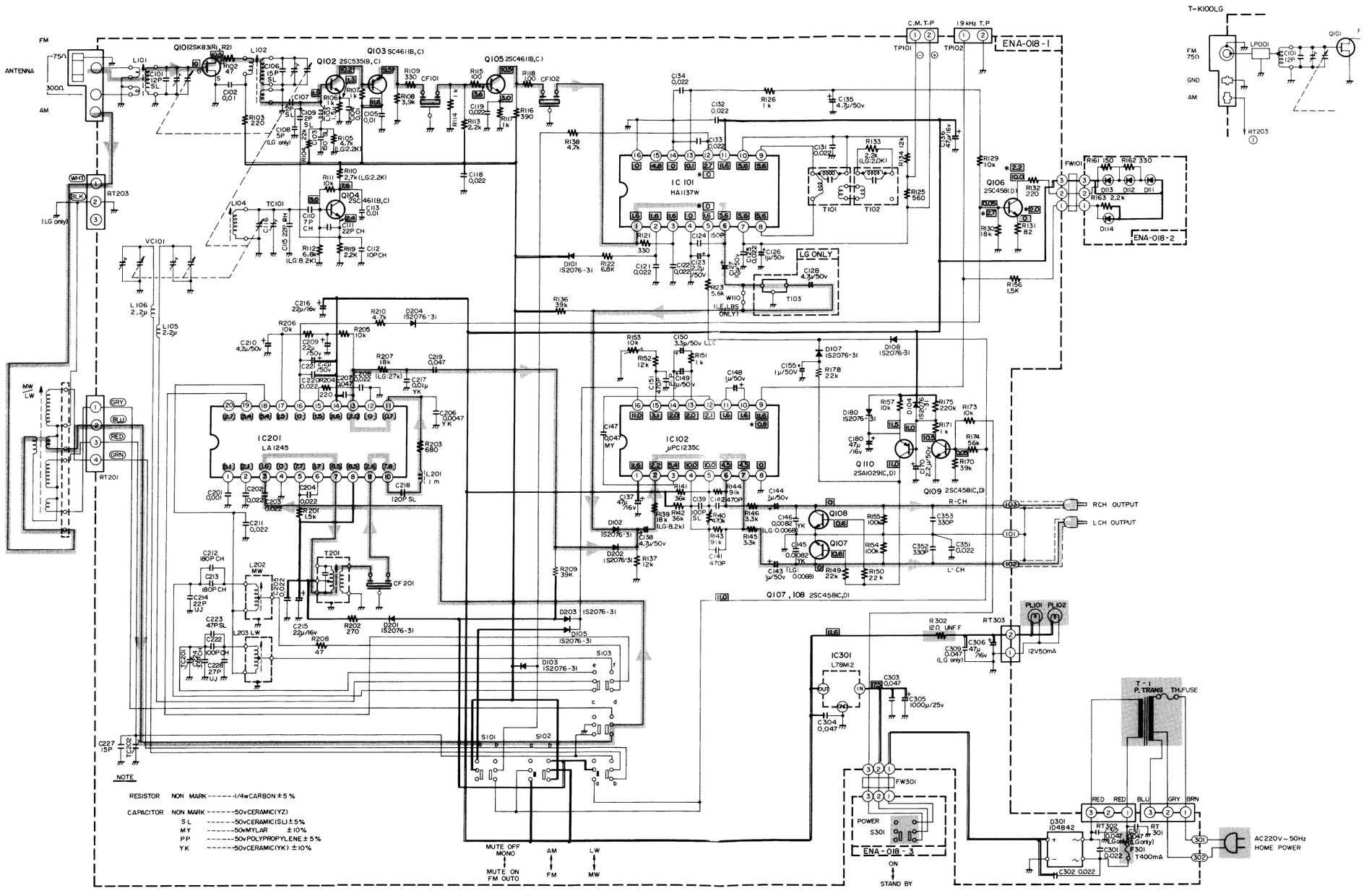
6-(1) T-K100 Tuner Section



Notes :

1. ▒ shows DC voltage to the chassis with no signal input.
2. —— indicates positive B power supply.
3. ▒ indicates signal path.
4. When replacing the parts in the darkened area (▒) and those marked with ⚠, be sure to use the designated parts to ensure safety.
5. This is the standard circuit diagram. The design and contents are subject to change without notice.

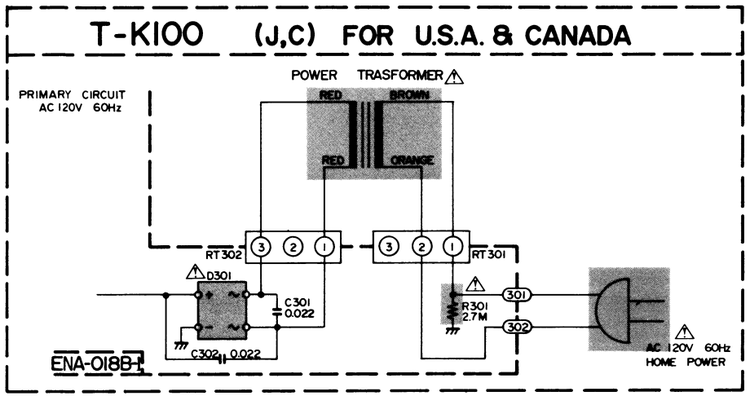
6-(2) T-K100L Tuner Section

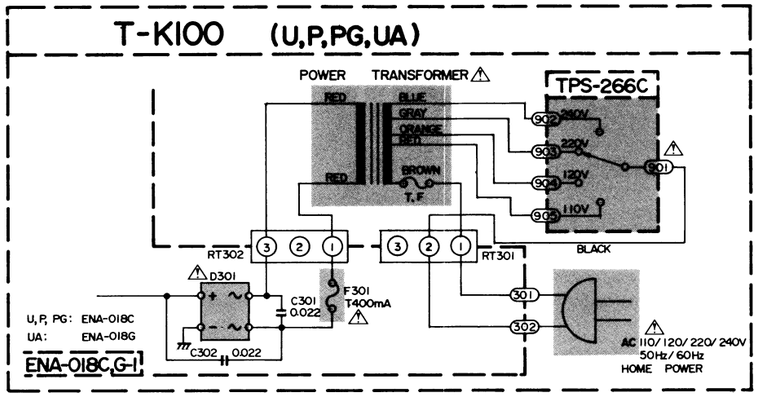


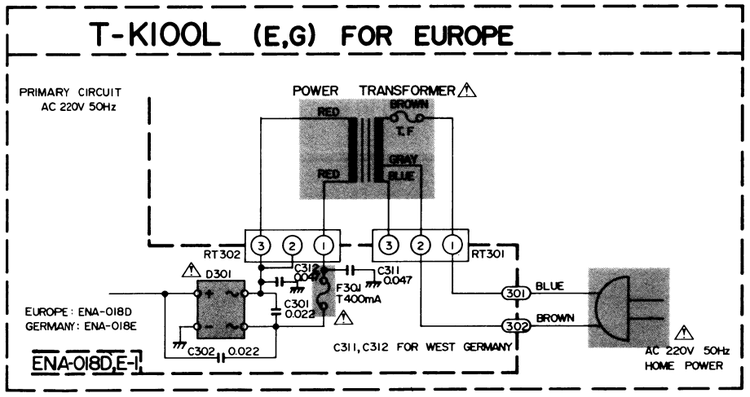
Notes :

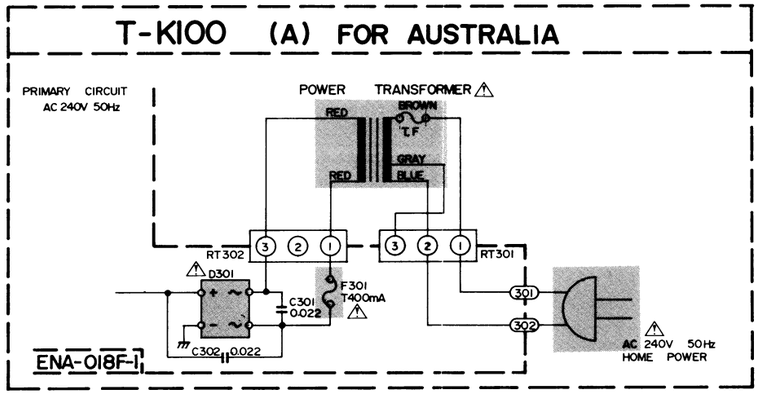
1. ▬ shows DC voltage to the chassis with no signal input.
2. —— indicates positive B power supply.
3. ▬ indicates signal path.
4. When replacing the parts in the darkened area (▬) and those marked with ⚠, be sure to use the designated parts to ensure safety.
5. This is the standard circuit diagram. The design and contents are subject to change without notice.

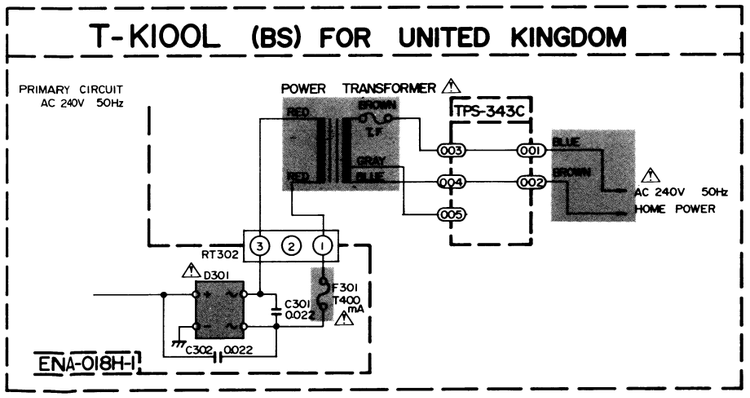
6-(3) T-K100/T-K100L Power Supply Section





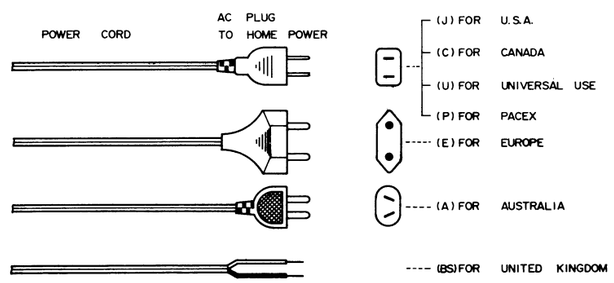




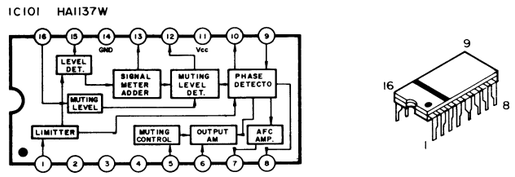


NOTE : T-K100 U, P, PG, UA

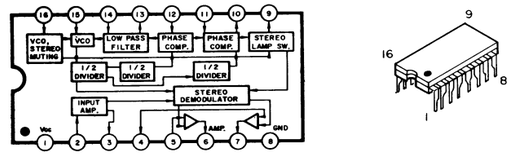
VOLTAGE SELECTOR (MOUNTED ON THE PEAR PANEL) MUST BE ADJUSTED FOR THE PROPER VOLTAGE OF HOME POWER



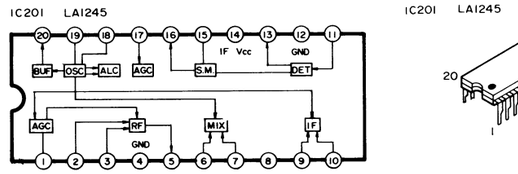
IC101 HA1137W



IC102 μPC1235C



IC201 LA1245



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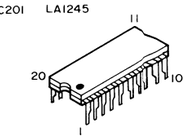
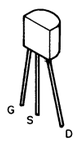
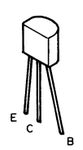


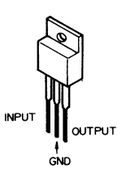
2SK168
2SK83



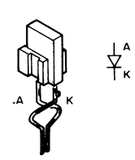
2SC458
2SA1029
2SC461
2SC535



IC301 L78M12



D111~D113 : SLB 26MW50F
D114 : SLB 26VW50F



Notes :

1. ▒▒ shows DC voltage to the chassis with no signal input.
2. —— indicates positive B power supply.
3. ▒▒ indicates signal path.
4. When replacing the parts in the darkened area (▒▒) and those marked with ⚠, be sure to use the designated parts to ensure safety.
5. This is the standard circuit diagram. The design and contents are subject to change without notice.

PARTS LIST

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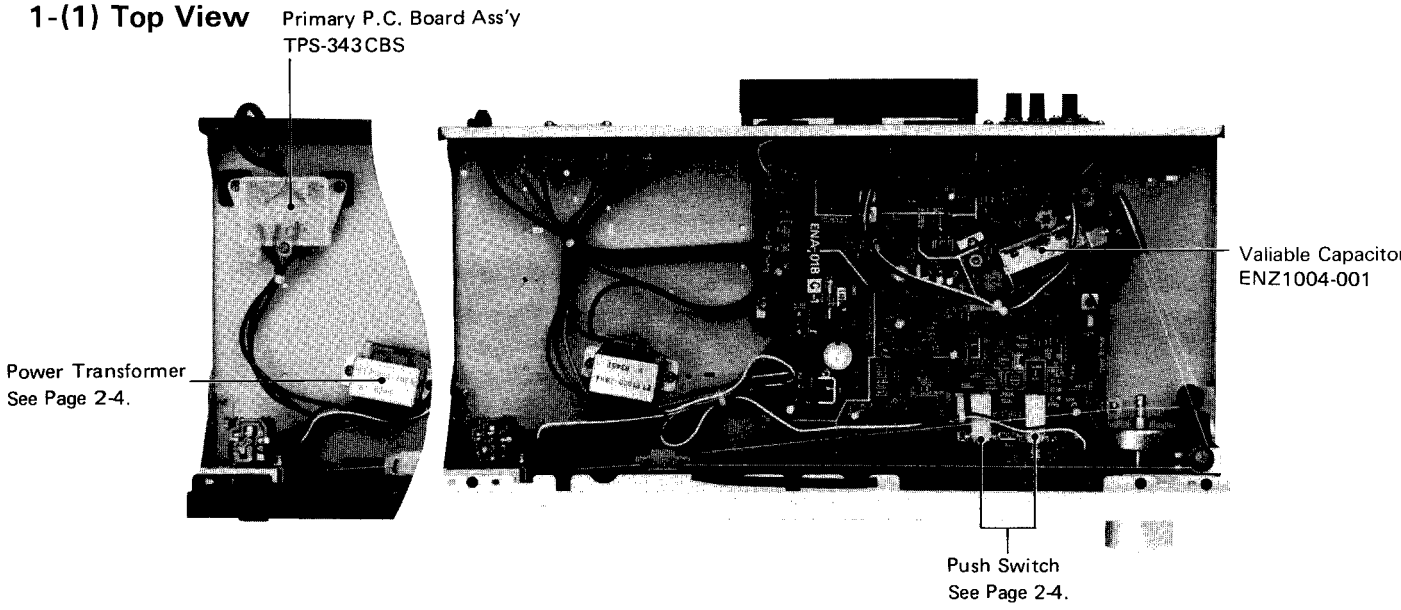
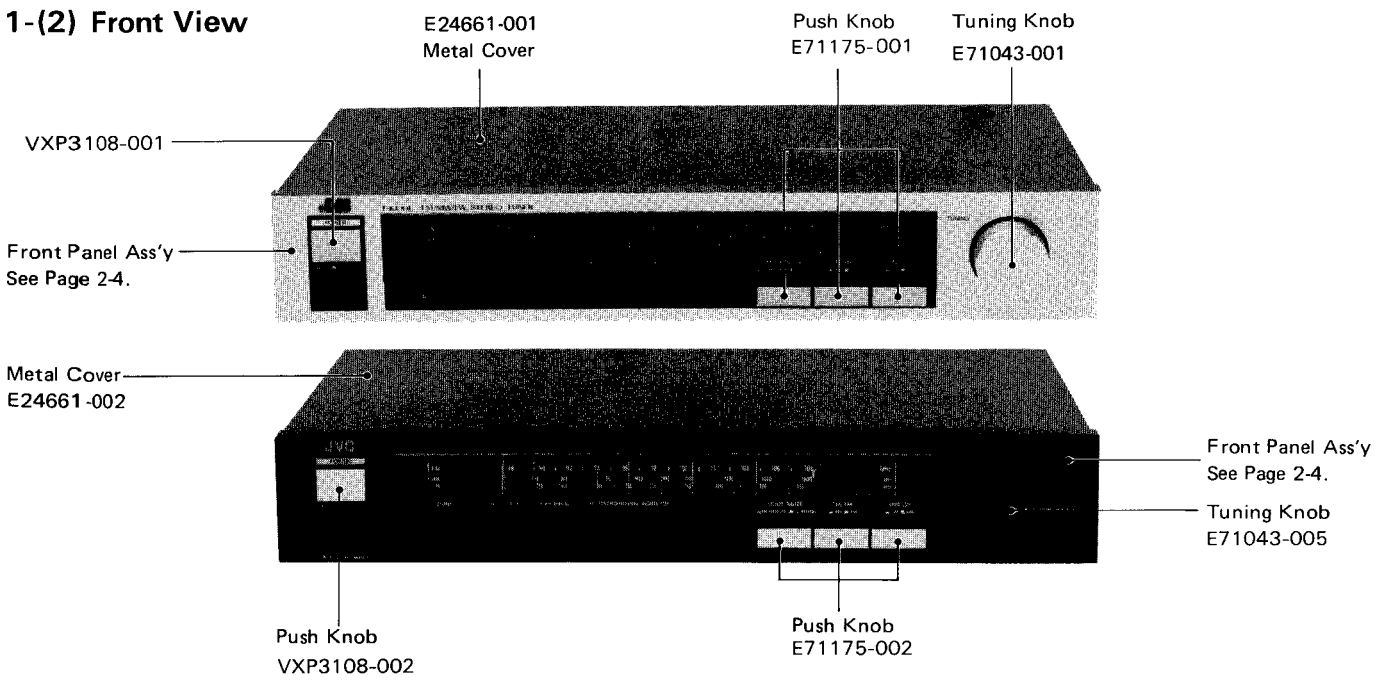
1. Main Parts Locations

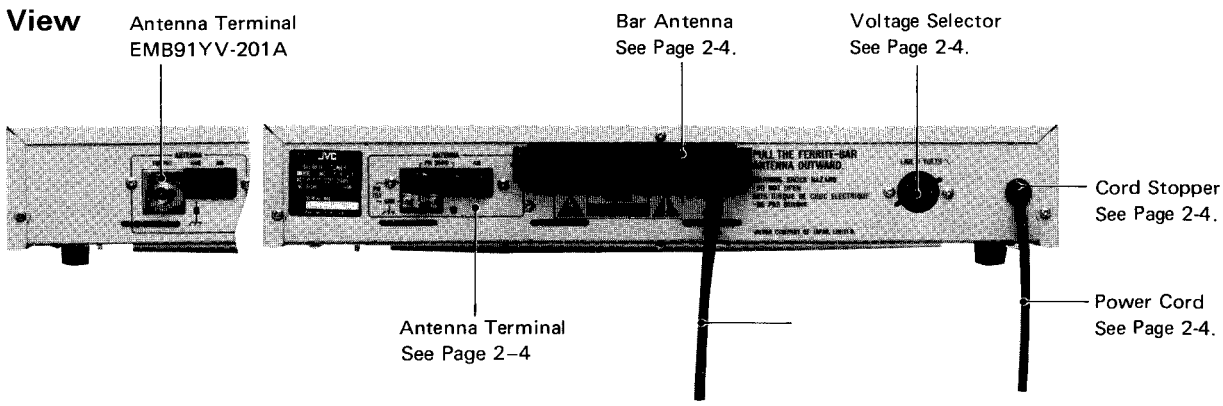
1-(1) Top View



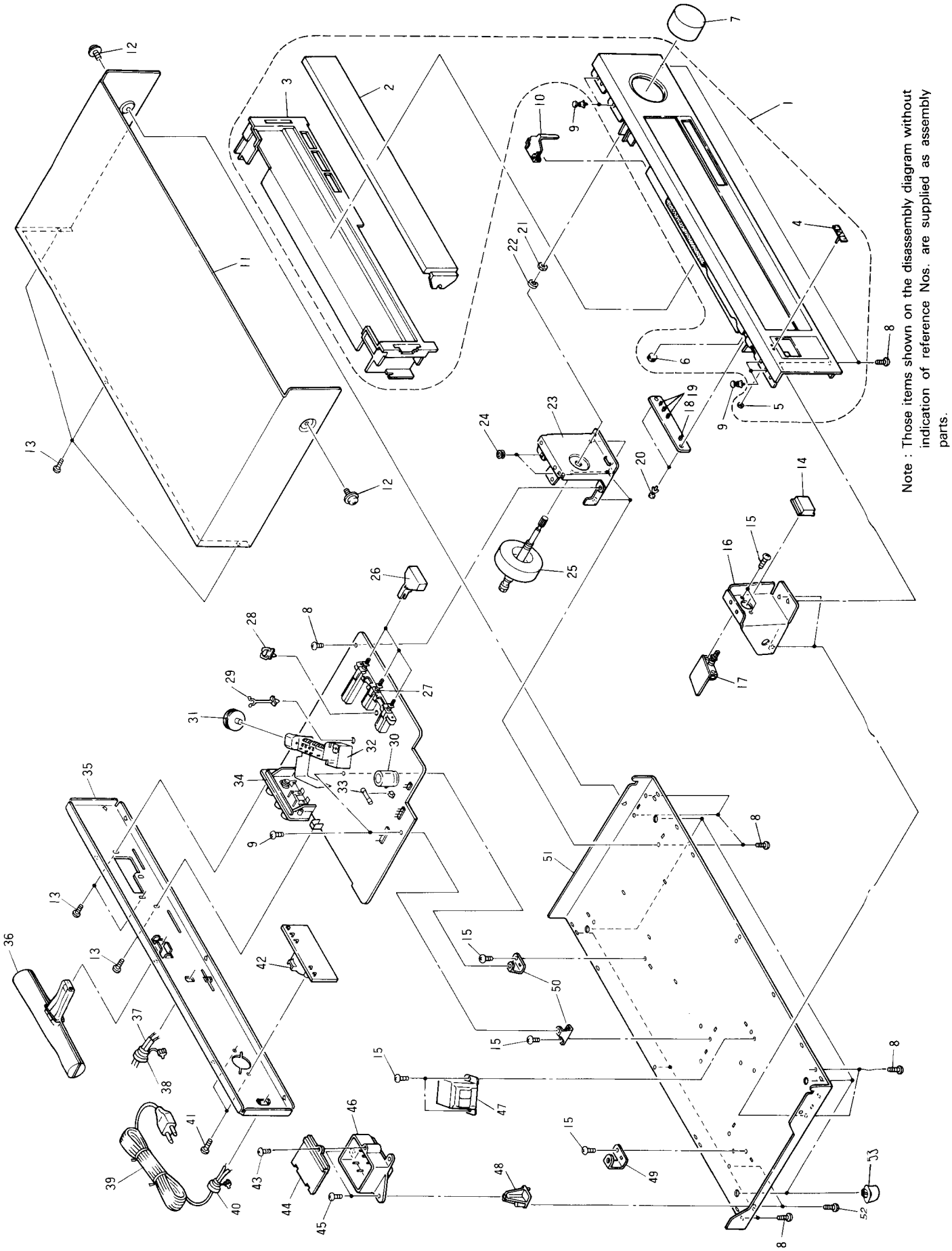
1-(2) Front View



1-(3) Rear View



2. Exploded View and Part Numbers



Note : Those items shown on the disassembly diagram without indication of reference Nos. are supplied as assembly parts.

No.	Part Number	Part Name	Q'ty	Description	Area
1	EFP-TK100E	Front Panel Ass'y	1	Silver	J,C,P,PG,A,UA,U
	EFP-TK100BE	Front Panel Ass'y	1	Black	J,C,P,PG,A,UA,U
	EFP-TK100LE	Front Panel Ass'y	1	Silver	LE,LES,LBS,LG
	EFP-TK100LBE	Front Panel Ass'y	1	Black	LE,LES,LBS,LG
2	E303285-001	Dial Scale	1		J,C,P,PG,A,U
	E303285-002	Dial Scale	1		LE,LES,LBS,LG
	E303285-003	Dial Scale	1		UA
3	E24657-001	Dial Back	1	Siver	
	E24657-002	Dial Back	1	Black	
-	ELP3104-1250	Lamp Ass'y	2	Dial Back	
4	E70913-002	JVC Mark	1	Silver	
	E70913-001	JVC Mark	1	Black	
5	E60912-003	Speed Nut	1		
6	E66082-001	Roller Ass'y	1		
7	E70143-001	Tuning Knob	1	Silver	
	E70143-005	Tuning Knob	1	Black	
8	SBSB3008N	Tapping Screw	12		
9	E48729-009	Plastic Rivet	4		
10	E70232-002	Needle Ass'y	1		
11	E24661-001	Metal Cover	1	Silver	
	E24661-002	Metal Cover	1	Black	
12	E61660-001	Special Screw	2	Silver	
	E61660-004	Special Screw	2	Black	
13	SBSB3008N	Tapping Screw	6	Silver	
	SBSB3008M	Tapping screw	6	Black	
14	VXP3108-001	Power Push Knob	1	Silver	
	VXP3108-002	Power Push Knob	1	Black	
15	E65119-001	Special screw	7		
16	E303239-001	Bracket	1		
17	QST4102-E06	Push Switch ⚠	1	Power	
18	SLB-26VM50F	L.E.D.	1		
19	SLB-26MW50F	L.E.D.	3		
20	E48729-008	Plastic Rivet	2		
21	E43323-002	Nut	1		
22	WAS9000	Washer	1		
23	E303240-001	Bracket	1		
24	E66082-001	Roller Ass'y	2		
25	E301257-003	Tuning Shaft Ass'y	1		
26	E71175-001	Push Knob	3	Silver	
	E71175-002	Push Knob	3	Black	
27	QST42A1-E01	Push Switch	1		J,C,P,PG,A,UA,U
	QST43A1-E01	Push Switch	1		LE,LES,LBS,LG
28	QHW1052-001	Wiare Clamp	1		
29	QHW4110-001	Wiare Clamp	1		
30	EQT51EM-108T	Electorotic Capacitor	1		
31	QZD1205-002	Dial Drum	1		
32	ENZ1003-004	Tuning Capacitor	1		
33	QMF51A2-R40L	Fuse ⚠	1	400mA/250V	P,PG,A,UA,LE,LES,LBS,LG,U
	QMF51A2-R40LBS	Fuse ⚠	1	400mA/250V	LBS
34	EMB91YV-201A	Antenna Terminal	1		LG
	E03572-016	Antenna Terminal	1		J,C,P,PG,A,UA,LE,LES,LBS,U
35	E24659-001	Rear Panel	1	Silver	J,C
	E24659=002	Rear Panel	1	Silver	P,PG,UA,U
	E24659-003	Rear Panel	1	Silver	A,LE,LBS,
	E24659-004	Rear Panel	1	Silver	LG
	E24659-005	Rear Panel	1	Silver	LES
	E24659-007	Rear Panel	1	Black	J,C
	E24659-008	Rear Panel	1	Black	P,PG,UA,U
	E24659-009	Rear Panel	1	Black	A,LE,LBS,
	E24659-010	Rear Panel	1	Black	LG
	E24659-011	Rear Panel	1	Black	LES
36	EQB3101-100	Bar Antenna Coil	1		J,C,P,PG,A,UA
	EQB3204-100	Bar Antenna Coil	1		LE,LES,LBS,LG
37	EWP301-001	Signal Cord	1		
38	QHS3876-162	Cord Stopper	1		
39	QMP1200-200	Power Cord ⚠	1		J,C
	QMP7600-250	Power Cord ⚠	1		P,PG,UA,U
	QMP3900-200	Power Cord ⚠	1		LE,LES,LG
	QMP2560-244	Power Cord ⚠	1		A
	QMP9017-008BS	Power Coard ⚠	1		LBS
40	QHS3876-162	Cord Stopper	1		
41	SBSB3008N	Tapping Screw	2	Silver	
	SBSB3008M	Tapping Screw	2	Black	P,PG,UA,U
42	QSR0074-001	Voltage Selector ⚠	1		P,PG,UA,U
43	SBSF3008Z	Tapping Scew	1	Cover	LBS
44	E3022146-001	Cover	1		LBS
45	SBSB3010Z	Tapping Screw	2	P.C.Board Holder	LBS
46	E30224-004	Circuit Board Holder	1		LBS
47	E03042-29B	Power Transfomer ⚠	1		J,C
	ETP1000-26HA	Power Transfomer ⚠	1		P,PG,UA,U
	ETP1000-26EA	Power Transfomer ⚠	1		A,LE,LES,LG
	ETP1000-26EABS	Power Transfomer ⚠	1		LBS
48	E67448-001	Holder	2		LBS
49	E71382-001	Bracket	1		LBS
50	E68587-001	Bracket	2		
51	E24658-001	Chassis Base	1		
52	SBSB3008N	Tapping Screw	2		LBS
53	E301258-002	Foot	4		

⚠ Safety Parts

The Marks by Designated Area

J ..... U.S.A.
C ..... Canada
P.PG .. U.S. Military
LE .... Europe
LES ... Spain
LG .... West Germany
A ..... Australia
LBS ... U.K.
UA ... South Africa
U ..... Other Countries

3. Printed Circuit Board Ass'y and Parts List

3-(1) Tuner and Power P.C. Board Ass'y

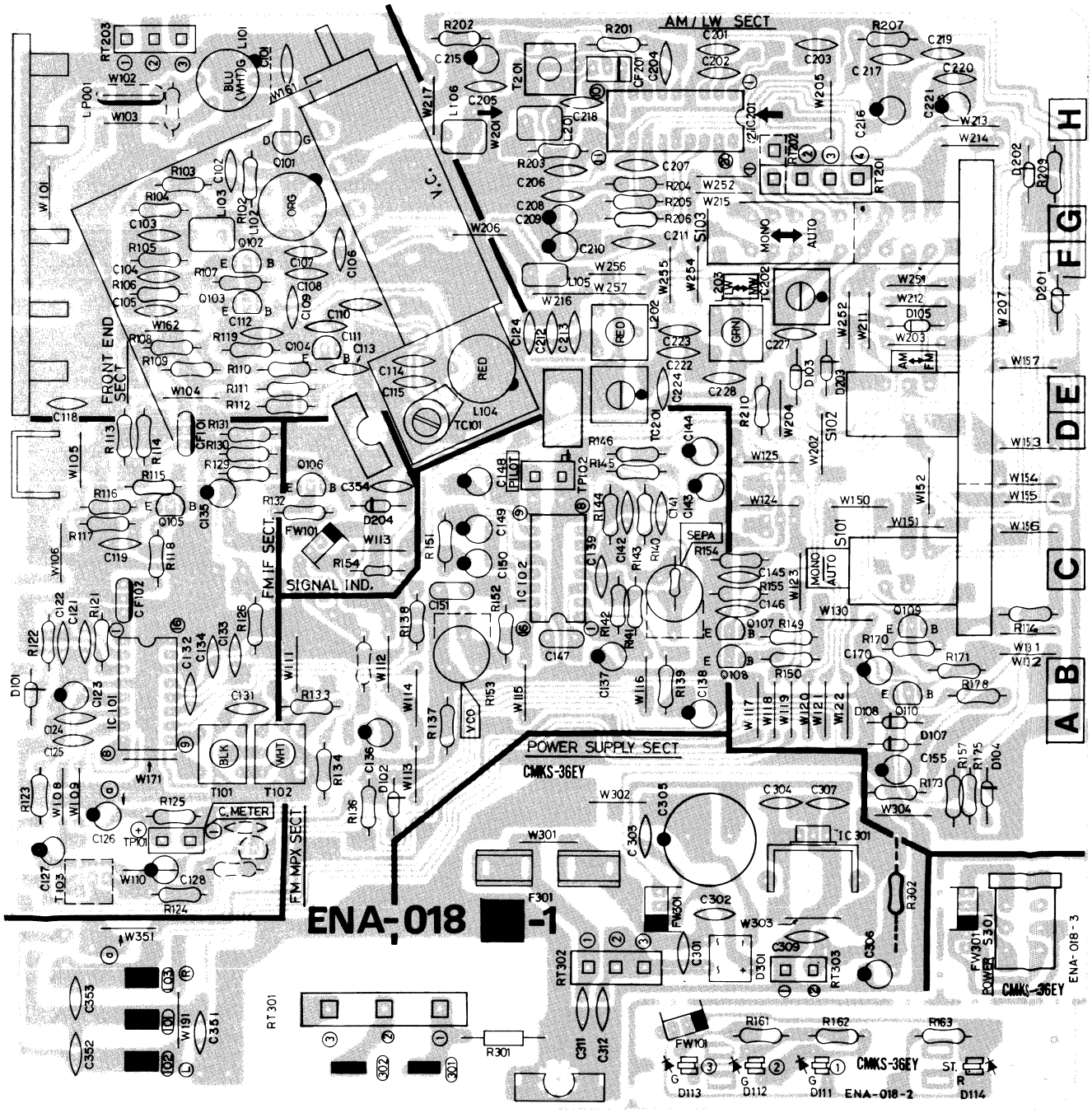
Note: ENH-018□ varies according to the areas employed. See note (1) when placing an order.

Note (1)

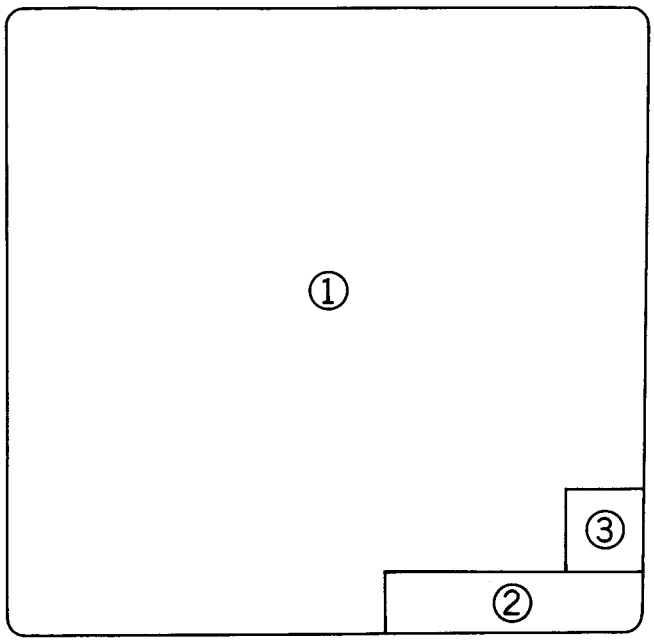
Designated Areas	P.C. Board Ass'y
U.S.A., Canada	ENH-018 B
U.S. Military, Other Countries	ENH-018 C
Europe, Spain	ENH-018 D
West Germany	ENH-018 E
Australia	ENH-018 F
South Africa	ENH-018 G
U.K.	ENH-018 H

Note (2)

The symbols (赤、黒、白 ..... etc.) on P.C. Board surface are factory process only.



Each Individual P.C. Board Location



① ENA-018□-1 Tuner P.C. Board Ass'y
② ENA-018-2 LED P.C. Board Ass'y
③ ENA-018-3 Power Switch P.C. Board Ass'y

The Marks by Designated Area	
B ... U.S.A., Canada	E ... West Germany
C ... U.S. Military, Other Countries	F ... Australia
	G ... South Africa
D ... Europe	H ... U.K.

Transistors

ITEM	PART NUMBER	DESCRIPTION	
			MAKER
Q101	2SK168(E,F)	F.E.T.	HITACHI
Q101	2SK83(R1,R2)	F.E.T.	MATSUSHITA
Q102	2SC535(B,C)	SILICON	HITACHI
Q102	2SC535(B,C)	SILICON	
Q103	2SC461(B,C)	SILICON	HITACHI
Q103	2SC461(B,C)	SILICON	
Q104	2SC461(B,C)	SILICON	HITACHI
Q104	2SC461(B,C)	SILICON	
Q105	2SC461(B,C)	SILICON	HITACHI
Q105	2SC461(B,C)	SILICON	
Q106	2SC458(D)	SILICON	HITACHI
Q106	2SC458(D)	SILICON	HITACHI
Q107	2SC458(C,D)	SILICON	HITACHI
Q107	2SC458(C,D)	SILICON	HITACHI
Q108	2SC458(C,D)	SILICON	HITACHI
Q108	2SC458(C,D)	SILICON	HITACHI
Q109	2SC458(C,D)	SILICON	HITACHI
Q109	2SC458(C,D)	SILICON	HITACHI
Q110	2SA1029(C,D)	SILICON	HITACHI
Q110	2SA1029(C,D)	SILICON	HITACHI

ICs

ITEM	PART NUMBER	DESCRIPTION	
			MAKER
IC101	HA1137W		HITACHI
IC102	UPC1235C		NEC
IC201	LA1245		SANYO
IC301	L78M12		SANYO

Diodes

ITEM	PART NUMBER	DESCRIPTION	
			MAKER
D101	1S2076-31	SILICON	HITACHI
D102	1S2076-31	SILICON	HITACHI
D103	1S2076-31	SILICON	HITACHI
D104	1S2076-31	SILICON	HITACHI
D105	1S2076-31	SILICON	HITACHI

Diodes

ITEM	PART NUMBER	DESCRIPTION	
D107	1S2076-31	SILICON	HITACHI
D111	SLB-26MW50F	L.E.D.	ROHM
D112	SLB-26MW50F	L.E.D.	ROHM
D113	SLB-26MW50F	L.E.D.	ROHM
D114	SLB-26VW50F	L.E.D.	ROHM
D201	1S2076-31	SILICON	HITACHI
D202	1S2076-31	SILICON	HITACHI
D203	1S2076-31	SILICON	HITACHI
D204	1S2076-31	SILICON	HITACHI
D301	1D4B42	SILICON	TOSHIBA

Coils

ITEM	PART NUMBER	DESCRIPTION	
L101	EQR2306-013	RF COIL	B
L101	EQR2306-013	RF COIL	C
L101	EQR2306-013	RF COIL	D
L101	EQR2306-013	RF COIL	F
L101	EQR2306-013	RF COIL	G
L101	EQR2306-013	RF COIL	H
L101	EQR2306-017	RF COIL	E
L102	EQR2306-003	RF COIL	B
L102	EQR2306-003	RF COIL	C
L102	EQR2306-003	RF COIL	D
L102	EQR2306-003	RF COIL	E
L102	EQR2306-003	RF COIL	F
L102	EQR2306-003	RF COIL	G
L102	EQR2306-003	RF COIL	H
L103	EQL3001-1R5K	INDUCTOR	
L104	EQR2406-001	RF COIL	B
L104	EQR2406-001	RF COIL	C
L104	EQR2406-001	RF COIL	D
L104	EQR2406-001	RF COIL	E
L104	EQR2406-001	RF COIL	F
L104	EQR2406-001	RF COIL	H
L104	EQR2406-005	RF COIL	G
L105	EQL3001-2R2K	INDUCTOR	D
L105	EQL3001-2R2K	INDUCTOR	E
L105	EQL3001-2R2K	INDUCTOR	H
L106	EQL3001-2R2K	INDUCTOR	D
L106	EQL3001-2R2K	INDUCTOR	E
L106	EQL3001-2R2K	INDUCTOR	H
L201	EQL3001-102K	INDUCTOR	
L202	EQR1210-006	RF COIL	

Coils

ITEM	PART NUMBER	DESCRIPTION
L203	EQR1310-004	RF COIL
L203	EQR1310-004	RF COIL
L203	EQR1310-004	RF COIL
T101	EQT2140-008	I.F.T.
T102	EQT2140-009	I.F.T.
T201	EQT1021-004	I.F.T.

Capacitors

ITEM	PART NUMBER	DESCRIPTION			
C101	QCS31HJ-120	12PF	50V	CERAMIC	B
C101	QCS31HJ-120	12PF	50V	CERAMIC	C
C101	QCS31HJ-120	12PF	50V	CERAMIC	D
C101	QCS31HJ-120	12PF	50V	CERAMIC	E
C101	QCS31HJ-120	12PF	50V	CERAMIC	F
C101	QCS31HJ-120	12PF	50V	CERAMIC	G
C101	QCS31HJ-120	12PF	50V	CERAMIC	H
C102	QCF31HP-103	0.01MF	50V	CERAMIC	
C103	QCS31HJ-151	150PF	50V	CERAMIC	
C104	QCF31HP-103	0.01MF	50V	CERAMIC	
C105	QCF31HP-103	0.01MF	50V	CERAMIC	
C106	QCS31HJ-150	15PF	50V	CERAMIC	
C107	QCS31HJ-2R0	2PF	50V	CERAMIC	
C108	QCS31HJ-5R0	5PF	50V	CERAMIC	E
C109	QCS31HJ-2R0	2PF	50V	CERAMIC	
C110	QCT25CH-7R0	7PF	50V	CERAMIC	B
C110	QCT25CH-7R0	7PF	50V	CERAMIC	C
C110	QCT25CH-7R0	7PF	50V	CERAMIC	D
C110	QCT25CH-7R0	7PF	50V	CERAMIC	E
C110	QCT25CH-7R0	7PF	50V	CERAMIC	F
C110	QCT25CH-7R0	7PF	50V	CERAMIC	G
C110	QCT25CH-7R0	7PF	50V	CERAMIC	H
C111	QCT25CH-220	22PF	50V	CERAMIC	B
C111	QCT25CH-220	22PF	50V	CERAMIC	C
C111	QCT25CH-220	22PF	50V	CERAMIC	D
C111	QCT25CH-220	22PF	50V	CERAMIC	E
C111	QCT25CH-220	22PF	50V	CERAMIC	F
C111	QCT25CH-220	22PF	50V	CERAMIC	G
C111	QCT25CH-220	22PF	50V	CERAMIC	H
C112	QCT25CH-100	10PF	50V	CERAMIC	B
C112	QCT25CH-100	10PF	50V	CERAMIC	C
C112	QCT25CH-100	10PF	50V	CERAMIC	D
C112	QCT25CH-100	10PF	50V	CERAMIC	E
C112	QCT25CH-100	10PF	50V	CERAMIC	F
C112	QCT25CH-100	10PF	50V	CERAMIC	G
C112	QCT25CH-100	10PF	50V	CERAMIC	H
C113	QCF31HP-103	0.01MF	50V	CERAMIC	
C114	QCT25RH-180	180	50V	CERAMIC	
C118	QCF31HP-223	0.022MF	50V	CERAMIC	
C119	QCF31HP-223	0.022MF	50V	CERAMIC	
C121	QCF31HP-223	0.022MF	50V	CERAMIC	
C122	QCF31HP-223	0.022MF	50V	CERAMIC	
C123	QET61EM-106	10MF	25V	ELECTORO	
C124	QCS31HJ-151	150PF	50V	CERAMIC	D
C124	QCS31HJ-151	150PF	50V	CERAMIC	E
C124	QCS31HJ-151	150PF	50V	CERAMIC	H
C124	QCS31HJ-331	330PF	50V	CERAMIC	B
C124	QCS31HJ-331	330PF	50V	CERAMIC	C
C124	QCS31HJ-331	330PF	50V	CERAMIC	F
C124	QCS31HJ-331	330PF	50V	CERAMIC	G
C125	QCF31HP-223	0.022MF	50V	CERAMIC	
C126	QET61HM-105	1MF	50V	ELECTORO	
C127	QET61EM-106	10MF	25V	ELECTORO	
C128	QET61HM-475	4.7MF	50V	ELECTORO	E
C131	QCF31HP-223	0.022MF	50V	CERAMIC	
C132	QCF31HP-223	0.022MF	50V	CERAMIC	
C133	QCF31HP-223	0.022MF	50V	CERAMIC	
C134	QCF31HP-223	0.022MF	50V	CERAMIC	
C135	QET61HM-475	4.7MF	50V	ELECTORO	

Capacitors

ITEM	PART NUMBER	DESCRIPTION			
C136	QET61CM-476	47MF	16V	ELECTORO	
C137	QET61CM-476	47MF	16V	ELECTORO	
C138	QET61HM-475	4.7MF	50V	ELECTORO	
C139	QCS31HJ-101	100PF	50V	CERAMIC	
C141	QCS31HJ-471	470PF	50V	CERAMIC	D
C141	QCS31HJ-471	470PF	50V	CERAMIC	E
C141	QCS31HJ-471	470PF	50V	CERAMIC	F
C141	QCS31HJ-471	470PF	50V	CERAMIC	G
C141	QCS31HJ-471	470PF	50V	CERAMIC	H
C141	QCS31HJ-821	820PF	50V	CERAMIC	B
C141	QCS31HJ-821	820PF	50V	CERAMIC	C
C142	QCS31HJ-471	470PF	50V	CERAMIC	D
C142	QCS31HJ-471	470PF	50V	CERAMIC	E
C142	QCS31HJ-471	470PF	50V	CERAMIC	F
C142	QCS31HJ-471	470PF	50V	CERAMIC	G
C142	QCS31HJ-471	470PF	50V	CERAMIC	H
C142	QCS31HJ-821	820PF	50V	CERAMIC	B
C142	QCS31HJ-821	820PF	50V	CERAMIC	C
C143	QET61HM-105	1MF	50V	ELECTORO	
C144	QET61HM-105	1MF	50V	ELECTORO	
C145	QCY31HK-682	6800PF	50V	CERAMIC	B
C145	QCY31HK-822	8200PF	50V	CERAMIC	C
C145	QCY31HK-822	8200PF	50V	CERAMIC	D
C145	QCY31HK-822	8200PF	50V	CERAMIC	E
C145	QCY31HK-822	8200PF	50V	CERAMIC	F
C145	QCY31HK-822	8200PF	50V	CERAMIC	G
C145	QCY31HK-822	8200PF	50V	CERAMIC	H
C146	QCY31HK-682	6800PF	50V	CERAMIC	B
C146	QCY31HK-822	8200PF	50V	CERAMIC	C
C146	QCY31HK-822	8200PF	50V	CERAMIC	D
C146	QCY31HK-822	8200PF	50V	CERAMIC	E
C146	QCY31HK-822	8200PF	50V	CERAMIC	F
C146	QCY31HK-822	8200PF	50V	CERAMIC	G
C146	QCY31HK-822	8200PF	50V	CERAMIC	H
C147	QFN31HK-473	0.047MF	50V	MYLAR	
C148	QET61HM-105	1MF	50V	ELECTORO	
C149	QET61HM-105	1MF	50V	ELECTORO	
C150	QEB61EM-335	8200PF	50V	L.L.C.E	
C151	QFP31HJ-471	470	50V	POLY.	
C155	QET61EM-105	IMF	25V	ELECTORO	
C170	QET61HM-475	4.7MF	50V	ELECTORO	
C201	QCY31HK-102	1000PF	50V	CERAMIC	
C202	QCF31HP-223	0.022MF	50V	CERAMIC	
C203	QCF31HP-223	0.022MF	50V	CERAMIC	
C204	QCF31HP-223	0.022MF	50V	CERAMIC	
C205	QCF31HP-223	0.022MF	50V	CERAMIC	
C206	QCY31HK-472	1000PF	50V	CERAMIC	
C207	QCF31HM-473	0.022MF	50V	CERAMIC	
C208	QCF31HP-223	0.022MF	50V	CERAMIC	
C209	QET61HM-225	2.2MF	50V	ELECTORO	
C210	QET61HM-475	4.7MF	50V	ELECTORO	
C211	QCF31HP-223	0.022MF	50V	CERAMIC	
C212	QCT25CH-181	180PF	50V	CERAMIC	
C213	QCT25CH-181	180PF	50V	CERAMIC	
C214	QCT25UJ-220	22PF	50V	CERAMIC	
C215	QET61CM-226	22MF	16V	ELECTORO	
C216	QET61CM-226	22MF	16V	ELECTORO	
C217	QCY31HP-103	6800PF	50V	CERAMIC	
C218	QCS31HJ-121	120PF	50V	CERAMIC	
C219	QCF31HP-473	0.047MF	50V	ELECTORO	
C220	QCF31HP-223	0.022MF	50V	CERAMIC	
C221	QET61HM-225	2.2MF	50V	ELECTORO	
C222	QCT25CH-101	100PF	50V	CERAMIC	D
C222	QCT25CH-101	100PF	50V	CERAMIC	E
C222	QCT25CH-101	100PF	50V	CERAMIC	H
C223	QCT25CH-470	47PF	50V	CERAMIC	D
C223	QCT25CH-470	47PF	50V	CERAMIC	E
C223	QCT25CH-470	47PF	50V	CERAMIC	H
C224	QCT25CH-330	33PF	50V	CERAMIC	D
C224	QCT25CH-330	33PF	50V	CERAMIC	E
C224	QCT25CH-330	33PF	50V	CERAMIC	H
C227	QCS31HJ-150	15PF	50V	CERAMIC	D
C227	QCS31HJ-150	15PF	50V	CERAMIC	E
C227	QCS31HJ-150	15PF	50V	CERAMIC	H
C228	QCT25UJ-270	27PF	50V	CERAMIC	D
C228	QCT25UJ-270	27PF	50V	CERAMIC	E
C228	QCT25UJ-270	27PF	50V	CERAMIC	H
C301	QCF31HP-223	0.022MF	50V	CERAMIC	

Capacitors

ITEM	PART NUMBER	DESCRIPTION			
C302	QCF31HP-223	0.022MF	50V	CERAMIC	
C303	QCF31HP-473	0.047MF	50V	ELECTORO	
C304	QCF31HP-473	0.047MF	50V	ELECTORO	
C305	QET51EM-108	1000MF	50V	ELECTORO	
C306	QET61CM-476	47MF	16V	ELECTORO	
C309	QCC31EM-473	0.047μF	25V	ELECTORO	E
C311	QCC31EM-473	0.047μF	25V	ELECTORO	E
C312	QCC31EM-473	0.047μF	25V	ELECTORO	E
C351	QCF31HJ-223	0.022μF	25V	CERAMIC	
C352	QCF21HP-331	330pF	50V	CERAMIC	
C353	QCF21HP-331	330pF	50V	CERAMIC	
TC101	ENZ1003-004			TRIMMER	
TC201	QAT2001-005	15PF	50V	TRIMMER	D
TC201	QAT2001-005	15PF	50V	TRIMMER	E
TC201	QAT2001-005	15PF	50V	TRIMMER	H
TC202	QAT2001-005	15PF	50V	TRIMMER	D
TC202	QAT2001-005	15PF	50V	TRIMMER	E
TC202	QAT2001-005	15PF	50V	TRIMMER	H
VC101	ENZ1004-001			VARIABLE	

Resistors

ITEM	PART NUMBER	DESCRIPTION			
R102	QRD141J-470S	47	1/4W	CARBON	
R103	QRD141J-221S	220	1/4W	CARBON	
R104	QRD141J-223S	22K	1/4W	CARBON	
R105	QRD141J-472S	4.7K	1/4W	CARBON	
R106	QRD141J-102S	1K	1/4W	CARBON	
R107	QRD141J-102S	1K	1/4W	CARBON	
R108	QRD141J-392S	3.9K	1/4W	CARBON	
R109	QRD141J-101S	100	1/4W	CARBON	
R110	QRD141J-272S	2.7K	1/4W	CARBON	
R112	QRD141J-682S	6.8K	1/4W	CARBON	B
R112	QRD141J-682S	6.8K	1/4W	CARBON	C
R112	QRD141J-682S	6.8K	1/4W	CARBON	D
R112	QRD141J-822S	8.2K	1/4W	CARBON	E
R112	QRD141J-682S	6.8K	1/4W	CARBON	F
R112	QRD141J-682S	6.8K	1/4W	CARBON	G
R112	QRD141J-682S	6.8K	1/4W	CARBON	H
R113	QRD141J-222S	2.2K	1/4W	CARBON	
R114	QRD141J-102S	1K	1/4W	CARBON	
R115	QRD141J-101S	100	1/4W	CARBON	
R116	QRD141J-391S	390	1/4W	CARBON	
R117	QRD141J-102S	1K	1/4W	CARBON	
R118	QRD141J-101S	100	1/4W	CARBON	
R119	QRD141J-222S	2.2K	1/4W	CARBON	
R121	QRD141J-331S	330	1/4W	CARBON	
R122	QRD141J-103S	10K	1/4W	CARBON	
R123	QRD141J-123S	1.2K	1/4W	CARBON	
R124	QRD141J-103S	10K	1/4W	CARBON	E
R125	QRD141J-561S	560	1/4W	CARBON	
R126	QRD141J-102S	1K	1/4W	CARBON	
R129	QRD141J-103S	10K	1/4W	CARBON	
R130	QRD141J-183S	18K	1/4W	CARBON	
R131	QRD141J-820S	82	1/4W	CARBON	
R131	QRD141J-820S	82	1/4W	CARBON	
R132	QRD141J-151S	150	1/4W	CARBON	
R133	QRD141J-222S	2.2K	1/4W	CARBON	B
R133	QRD1411J-222S	2.2K	1/4W	CARBON	C
R133	QRD1411J-222S	2.2K	1/4W	CARBON	D
R133	QRD1411J-202S	2K	1/4W	CARBON	E
R133	QRD1411J-222S	2.2K	1/4W	CARBON	F
R133	QRD1411J-222S	2.2K	1/4W	CARBON	G
R133	QRD1411J-222S	2.2K	1/4W	CARBON	H
R134	QRD141J-123S	12K	1/4W	CARBON	
R136	QRD141J-393S	39K	1/4W	CARBON	
R137	QRD141J-123S	12K	1/4W	CARBON	
R138	QRD141J-472S	4.7K	1/4W	CARBON	
R139	QRD141J-103S	10K	1/4W	CARBON	E
R139	QRD141J-183S	18K	1/4W	CARBON	B
R139	QRD141J-183S	18K	1/4W	CARBON	C
R139	QRD141J-183S	18K	1/4W	CARBON	D

Resistors

ITEM	PART NUMBER	DESCRIPTION			
R139	QRD141J-183S	18K	1/4W	CARBON	F
R139	QRD141J-183S	18K	1/4W	CARBON	G
R139	QRD141J-183S	18K	1/4W	CARBON	H
R140	QVP4A0B-474	470K		VALIABLE	
R140	QVP4A0B-474	470K		VALIABLE	
R140	QVP4A0B-474	470K		VALIABLE	
R140	QRD141J-564S	560K	1/4W	CARBON	
R140	QRD141J-564S	560K	1/4W	CARBON	
R140	QRD141J-564S	560K	1/4W	CARBON	
R140	QRD141J-564S	560K	1/4W	CARBON	
R141	QRD141J-363S	36K	1/4W	CARBON	
R142	QRD141J-363S	36K	1/4W	CARBON	
R143	QRD141J-913S	91K	1/4W	CARBON	B
R143	QRD141J-913S	91K	1/4W	CARBON	C
R143	QRD141J-913S	91K	1/4W	CARBON	D
R143	QRD141J-913S	91K	1/4W	CARBON	E
R143	QRD141J-913S	91K	1/4W	CARBON	F
R143	QRD141J-913S	91K	1/4W	CARBON	G
R143	QRD141J-913S	91K	1/4W	CARBON	H
R144	QRD141J-913S	91K	1/4W	CARBON	B
R144	QRD141J-913S	91K	1/4W	CARBON	C
R144	QRD141J-913S	91K	1/4W	CARBON	D
R144	QRD141J-913S	91K	1/4W	CARBON	E
R144	QRD141J-913S	91K	1/4W	CARBON	F
R144	QRD141J-913S	91K	1/4W	CARBON	G
R144	QRD141J-913S	91K	1/4W	CARBON	H
R145	QRD141J-332S	3.3K	1/4W	CARBON	
R146	QRD141J-332S	3.3K	1/4W	CARBON	
R149	QRD141J-223S	22K	1/4W	CARBON	
R150	QRD141J-223S	22K	1/4W	CARBON	
R151	QRD141J-102S	1K	1/4W	CARBON	
R152	QRD141J-123S	12K	1/4W	CARBON	
R153	QVP4A0B-103	10K	0.1W	VALIABLE	
R154	QRD141J-104S	100K	1/4W	CARBON	
R155	QRD141J-104S	100K	1/4W	CARBON	
R156	QRD141J-681S	680	1/4W	CARBON	
R157	QRD141J-221S	220	1/4W	CARBON	
R161	QRD141J-151S	150	1/4W	CARBON	
R162	QRD141J-331S	330	1/4W	CARBON	
R163	QRD141J-222S	2.2K	1/4W	CARBON	
R170	QRD141J-393S	39K	1/4W	CARBON	
R171	QRD141J-102S	1K	1/4W	CARBON	
R173	QRD141J-103S	10K	1/4W	CARBON	
R174	QRD141J-563S	56K	1/4W	CARBON	
R175	QRD141J-104S	100K	1/4W	CARBON	
R178	QRD141J-223S	22K	1/4W	CARBON	
R201	QRD141J-152S	1.5K	1/4W	CARBON	
R202	QRD141J-271S	270	1/4W	CARBON	
R203	QRD141J-331S	330	1/4W	CARBON	B
R203	QRD1411J-331S	330	1/4W	CARBON	C
R203	QRD1411J-681S	680	1/4W	CARBON	D
R203	QRD1411J-681S	680	1/4W	CARBON	E
R203	QRD1411J-331S	330	1/4W	CARBON	F
R203	QRD1411J-331S	330	1/4W	CARBON	G
R203	QRD1411J-681S	680	1/4W	CARBON	H
R204	QRD141J-221S	220	1/4W	CARBON	
R205	QRD141J-103S	10K	1/4W	CARBON	
R206	QRD141J-103S	10K	1/4W	CARBON	
R207	QRD141J-183S	18K	1/4W	CARBON	B
R207	QRD1411J-183S	18K	1/4W	CARBON	C
R207	QRD -183S	18K	1/4W	CARBON	D
R207	— -273S	27K	1/4W	CARBON	E
R207	— -183S	18K	1/4W	CARBON	F
R207	— -183S	18K	1/4W	CARBON	G
R207	— -183S	18K	1/4W	CARBON	H
R208	— -470S	47	1/4W	CARBON	
R209	QRD141J-393S	39K	1/4W	CARBON	
R210	QRD141J-472S	4.7K	1/4W	CARBON	
R302	QRZ0062-120	12	1/4W	FUSIBLE	
	QRC128K-275E	2.7M		COMPOSI	

Others

ITEM	PART NUMBER	DESCRIPTION	
	EMB91YV-201A	ANTENNA TERMINAL	E
	E03572-016	ANTENNA TERMINAL	B
	E03572-016	ANTENNA TERMINAL	C
	E03572-016	ANTENNA TERMINAL	D
	E03572-016	ANTENNA TERMINAL	F
	E03572-016	ANTENNA TERMINAL	G
	E03572-016	ANTENNA TERMINAL	H
	E65508-002	TAB	B
	E65508-002	TAB	B
	E65508-002	TAB	C
	E65508-002	TAB	C
	E65508-002	TAB	D
	E65508-002	TAB	D
	E65508-002	TAB	E
	E65508-002	TAB	E
	E65508-002	TAB	F
	E65508-002	TAB	F
	E65508-002	TAB	G
	E65508-002	TAB	G
	E10941-101	CIRCUIT BOARD	B
	E10941-101	CIRCUIT BOARD	C
	E10941-101	CIRCUIT BOARD	D
	E10941-101	CIRCUIT BOARD	E
	E10941-101	CIRCUIT BOARD	F
	E10941-101	CIRCUIT BOARD	G
	E10941-101	CIRCUIT BOARD	H
	SBSB3008N	TAPPING SCREW	
	E70306-001	HEAT SINK	
	E70225-001	EARTH PLATE	
	E70859-001	EARTH PLATE	B
	E70859-001	EARTH PLATE	B
	E70859-001	EARTH PLATE	C
	E70859-001	EARTH PLATE	C
	E70859-001	EARTH PLATE	D
	E70859-001	EARTH PLATE	
	E70859-001	EARTH PLATE	E
	E70859-001	EARTH PLATE	F
	E70859-001	EARTH PLATE	F
	E70859-001	EARTH PLATE	G
	E70859-001	EARTH PLATE	G
	E71007-001	SHIELD CASE	
	E71008-001	SHIELD CASE	E
	E67132-TR40	FUSE LABEL	C
	E67132-TR40	FUSE LABEL	D
	E67132-TR40	FUSE LABEL	E
	E67132-TR40	FUSE LABEL	F
	E67132-TR40	FUSE LABEL	G
	E67132-TR40	FUSE LABEL	H
F301	EMG7331-001	FUSE CLIP	C
F301	EMG7331-001	FUSE CLIP	D
F301	EMG7331-001	FUSE CLIP	E
F301	EMG7331-001	FUSE CLIP	F
F301	EMG7331-001	FUSE CLIP	G
F301	EMG7331-001	FUSE CLIP	H
S101	QST42A1-E01	PUSH SWITCH	B
S101	QST42A1-E01	PUSH SWITCH	C
S101	QST42A1-E01	PUSH SWITCH	F
S101	QST42A1-E01	PUSH SWITCH	G
S101	QST43A1-E01	PUSH SWITCH	D
S101	QST43A1-E01	PUSH SWITCH	E
S101	QST43A1-E01	PUSH SWITCH	H
T103	EQF0102-001	FILTER	
W201	E70237-001	BUS BAR	D
W201	E70237-001	BUS BAR	E
W201	E70237-001	BUS BAR	H
CF101	ECB2118-001	CERAMIC FILTER	D
CF101	ECB2118-001	CERAMIC FILTER	E
CF101	ECB2118-001	CERAMIC FILTER	H
CF101	ECB2123-001	CERAMIC FILTER	B
CF101	ECB2123-001	CERAMIC FILTER	C
CF101	ECB2123-001	CERAMIC FILTER	F
CF101	ECB2123-001	CERAMIC FILTER	G
CF102	ECB2118-001	CERAMIC FILTER	D
CF102	ECB2118-001	CERAMIC FILTER	E
CF102	ECB2118-001	CERAMIC FILTER	H
CF102	ECB2123-001	CERAMIC FILTER	B
CF102	ECB2123-001	CERAMIC FILTER	C

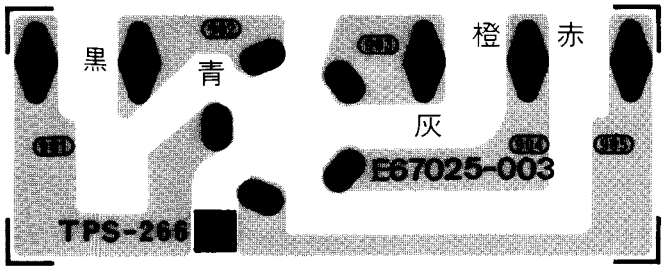
Others

ITEM	PART NUMBER	DESCRIPTION	
CF102	ECB2123-001	CERAMIC FILTER	F
CF102	ECB2123-001	CERAMIC FILTER	G
CF201	ECB1510-001	CERAMIC FILTER	
RT201	E67764-002	TERMINAL ASS'Y	F
RT201	E67764-002	TERMINAL ASS'Y	G
RT201	E67764-004	WRAPPING TERMINAL	D
RT201	E67764-004	WRAPPING TERMINAL	E
RT201	E67764-004	WRAPPING TERMINAL	H
RT202	E67764-002	TERMINAL ASS'Y	B
RT202	E67764-002	TERMINAL ASS'Y	C
RT203	E67764-003	TERMINAL ASS'Y	
RT301	E67764-203	TERMINAL ASS'Y	B
RT301	E67764-203	TERMINAL ASS'Y	C
RT301	E67764-203	TERMINAL ASS'Y	D
RT301	E67764-203	TERMINAL ASS'Y	E
RT301	E67764-203	TERMINAL ASS'Y	F
RT301	E67764-203	TERMINAL ASS'Y	G
RT302	E67764-003	TERMINAL ASS'Y	
RT303	E67764-002	TERMINAL ASS'Y	
SW301	QST4102-E06	PUSH SWITCH ⚠	
TP101	E67764-002	TERMINAL ASS'Y	
TP102	E67764-002	TERMINAL ASS'Y	
LP001	EQF0101-005	FILTER	E

⚠ Safety Parts

3-(2) TPS-266C Voltage Selector P.C. Board Ass'y

(for U.S. Militaly, Europe, Australia, Other Countries)

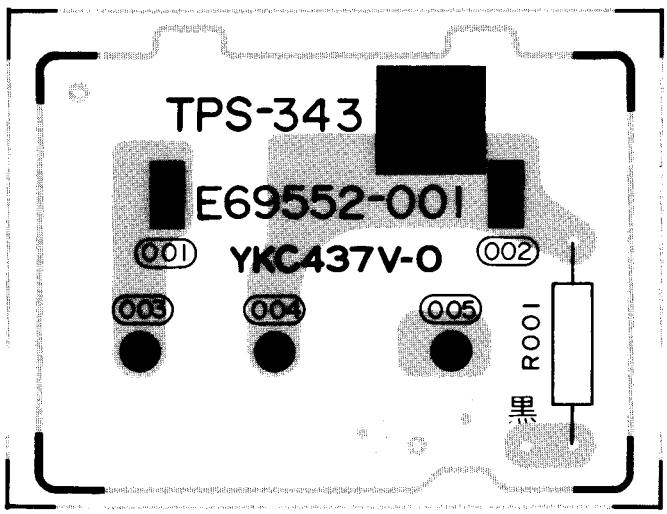


ITEM	PART NUMBER	DESCRIPTION
	QSR0074-001	VOLTAGE SELECTOR ⚠
	E43727-002	TAB
	E67025-003	CIRCUIT BOARD
	E66342-001	VOLTAGE SELECTOR HLDER

⚠ Safety Parts

3-(3) TPS-343CBS

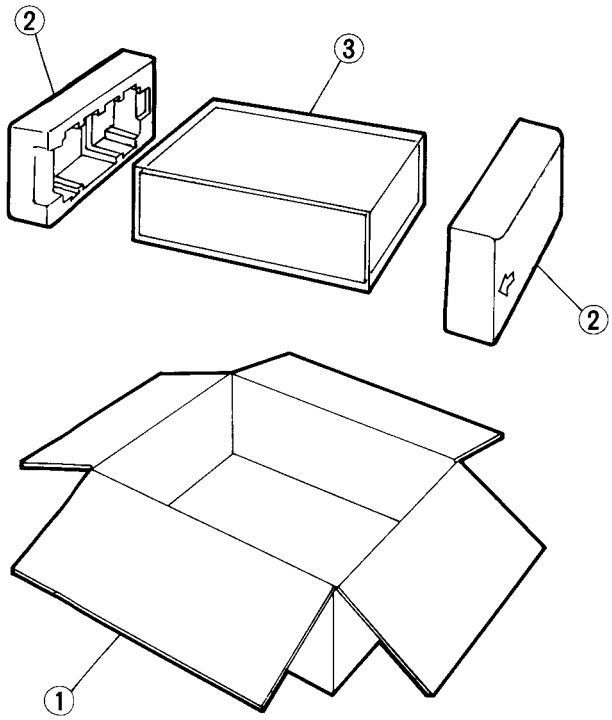
(for U.K. only)



ITEM	PART NUMBER	DESCRIPTION
	E43727-002	TAB
	E69552-001BS	CIRCUIT BOARD
	SBSB3008N	TAPPING SCREW
	E302244-004	CIRCUIT BOARD CASE

Note: The symbols (赤、黒、白 . . . etc.) on P.C. Board surface are factory process only.

4. Packing Materials and Part Numbers



No.	Part Name	Part Number	Description
1	Packing Case	PK-RK100E	J, C, P, PG, A, UA, U
		PK-RK100BE	J, C, P, PG, A, UA, U
		PK-RK100LE	LE, LES, LBS, LG
		PK-RK100LBE	LE, LES, LBS, LG
2	Fillers	NZ-RK100E	(L...E24462-001)
			(R...E24462-002)
3	Protect Sheet	E68142-005	J, C, P, PG, A, LE, LEB, LG, UA, U
		E68142-005B	LBS'

The Marks by Designated Area	
J . . . . U.S.A.	LG . . . West Germany
C . . . . Canada	A . . . . Australia
P, PG . . U.S. Military	LBS . . U.K.
LE . . . Europe	UA . . . South Africa
LES . . Spain	U . . . . Other Countries

5. Accessories List

Part Name	Part Number	Area
Instruction Book	E30580-1162A	J, C, P, PG, A, LE, LES, LG, UA, U
	E30580-1162ABS	LBS
Warranty Card	BT20048A	P, PG
	BT20025G	C
	BT20029C	A
	BT20060	LBS
	BT20057	LG
ECC Agency	BT20066	LBS, LG
SVC Center	BT20071	C
FTZ Information Card	BT20054-005A	LG
Service Information Card	BT20046B	P, PG
Built-in Antenna	E03614-004	J, C, P, PG, A, LE, LES, LBS, UA, U
Wire Antenna Ass'y	E67007-001	LG
Siemens Plug	E04056	U, PG
Caution Sheet (220 V)	E60932-007	U, PG, UA
Caution Sheet (110 V)	E60932-005	P
Envelope (for Instruction Book)	E41202-2	J, C, P, PG, A, LE, LES, LG, UA, U
	E41202-2B	LBS
Envelope (for Warranty Card)	E66416-003	J

JVC

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